

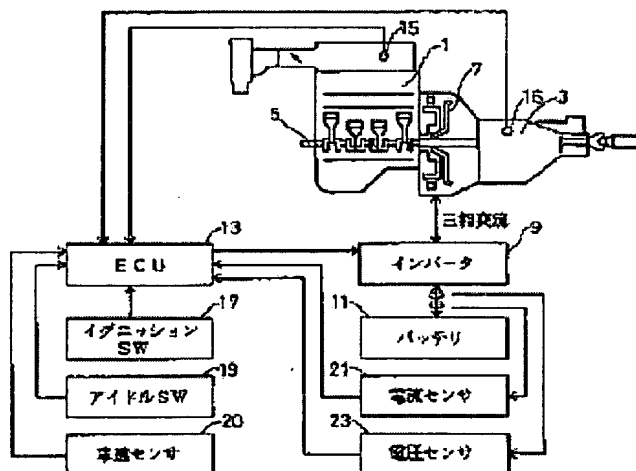
# AUTOMATIC STOPPING-STARTING DEVICE FOR VEHICLE

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## Abstract of JP8061109

**PURPOSE:** To prevent battery exhaustion caused when an engine is automatically stopped-automatically started, and prevent inadequate start of the engine by operating the engine until the amount of power which corresponds to the power consumption of a battery due to the start up of the engine is charged to the battery.

**CONSTITUTION:** An engine 1, a transmission 2, a rotary machine 7 connected to the engine 1 through a crankshaft 5, an inverter 9 for switching the function of the rotary machine 7 to the electrically driving function or the power generating function, a battery 11 for accumulating electric power generated by the rotary machine 7 through the inverter 9, and ECU 13 for performing various kinds of controlling actions such as outputting control signals to the inverter 9, etc., are mainly provided. In this case, the ECU 13 measures the power consumed by the battery 11 at the time of starting of the engine, and charges the battery 11 until the consumed power is replenished after the engine is started. Thus, even when the engine is frequently automatically stopped or automatically started, the power required for starting the engine can be constantly ensured.



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